

ABSTRACT OF THE DISCLOSURE

In an output circuit of a semiconductor device, an output buffer circuit includes a P-channel MOS transistor and a resistor connected in series between a line of a power supply potential and an output node.

5 Current driving capability of the output buffer circuit is adjusted by making the P-channel MOS transistor nonconductive when a fuse is not blown, and making P-channel MOS transistor conductive when the fuse is blown.

Thus, desired circuit characteristics can be obtained. Further, measures
10 against electrostatic discharge can be taken by providing the resistor between a drain of the P-channel MOS transistor and the output node.